| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|----------|----------|---|--|---------------------|---------|------------------|
| L1 | 15585556 | @ad < "20040126" | US-PGPUB; USPAT; DERWENT; IBM_TDB | OR | ON | 2006/06/01 16:19 |
| L2 | 3957 | L1 and (disk with (seek and rotation\$8)) | US-PGPUB; USPAT; DERWENT; IBM_TDB | OR | ON | 2006/06/01 16:19 |
| L3 | 18 | L2 and ((group\$6 with (command)) same (seek\$5 and access\$5)) | US-PGPUB; USPAT; DERWENT; IBM_TDB | OR | ON | 2006/06/01 16:19 |
| L4 | 18 | L3 | US-PGPUB; USPAT; DERWENT; IBM_TDB | OR | ON | 2006/06/01 16:19 |
| S1 | 15525417 | @ad < "20040126" | US-PGPUB; USPAT; DERWENT; IBM_TDB | OR | ON | 2006/03/05 07:44 |
| S2 | 10 | 09/638253 | US-PGPUB; USPAT; DERWENT; IBM_TDB | OR | ON | 2006/03/05 10:43 |
| S3 | 2 | "6725327".pn. | US-PGPUB; USPAT; DERWENT; IBM_TDB | OR | ON | 2006/03/05 08:52 |
| S4 | 3895 | S1 and (disk with (seek and rotation\$8)) | US-PGPUB; USPAT; DERWENT; IBM_TDB | OR | ON | 2006/03/05 09:56 |
| S5 | 5 | S4 and ((schedul\$ and (deadline (dead adj1 line) dead-line)) same (sequent\$7)) | US-PGPUB; USPAT; DERWENT; IBM_TDB | OR | ON | 2006/03/05 09:49 |
| S6 | 6 | S4 and (disk with EAT) | US-PGPUB; USPAT; DERWENT; IBM_TDB | OR | ON | 2006/03/05 09:50 |
| S7 | 63 | S4 and ((sequent\$5 with (request block)) same (disk and (execut\$6 schedul\$7))) | US-PGPUB; USPAT; DERWENT; IBM_TDB | OR | ON | 2006/03/05 12:12 |

| S8 | 2 | "20030182499" | US-PGPUB; USPAT; | OR | ON | 2006/03/05 10:43 |
|-----|----------|--|--|----|----|------------------|
| | | | DERWENT; IBM_TDB | | | |
| S9 | 2 | "6859859".pn. | US-PGPUB; USPAT; DERWENT; IBM_TDB | OR | ON | 2006/03/05 12:14 |
| S10 | 2 | "6725327".pn. | US-PGPUB; USPAT; DERWENT; IBM_TDB | OR | ON | 2006/03/05 13:43 |
| S11 | 3 | "6721845".pn. | US-PGPUB; USPAT; DERWENT; IBM_TDB | OR | ON | 2006/03/05 13:44 |
| S12 | 74 | S4 and (((request write read) with (sequent\$5)) same (block and (size length))) | US-PGPUB; USPAT; DERWENT; IBM_TDB | OR | ON | 2006/03/05 13:59 |
| S13 | 2 | "20030074526" | US-PGPUB; USPAT; DERWENT; IBM_TDB | OR | ON | 2006/03/06 17:12 |
| S14 | 2 | "20010020260" | US-PGPUB; USPAT; DERWENT; IBM_TDB | OR | ON | 2006/03/06 17:13 |
| S15 | 11 | ("5455934" "3623006" "6195222" "5991825" "6463346").pn. | US-PGPUB; USPAT; DERWENT; IBM_TDB | OR | ON | 2006/03/06 17:14 |
| S16 | 15525417 | @ad < "20040126" | US-PGPUB; USPAT; DERWENT; IBM_TDB | OR | ON | 2006/03/06 17:39 |
| S17 | 3895 | S16 and (disk with (seek and rotation\$8)) | US-PGPUB; USPAT; DERWENT; IBM_TDB | OR | ON | 2006/03/06 17:39 |
| S18 | 2 | S17 and ((estimat\$5 adj3 access adj3 time) same (statistic)) | US-PGPUB; USPAT; DERWENT; IBM_TDB | OR | ON | 2006/03/06 17:46 |
| S19 | 12 | ng-spencer\$.in. and ibm | US-PGPUB; USPAT; DERWENT; IBM_TDB | OR | ON | 2006/03/06 18:33 |

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|-----|----------|---|--|----|------|------------------|
| S20 | 7 | S17 and ((sequent\$6 and random) same (command and (length size))) | US-PGPUB; USPAT; DERWENT; IBM_TDB | OR | ON | 2006/03/06 18:46 |
| S21 | 31 | S17 and ((sequent\$6) same (command and (length size) and rotation\$5)) | US-PGPUB; USPAT; DERWENT; IBM_TDB | OR | ON | 2006/03/06 18:47 |
| S22 | 15528031 | @ad < "20040126" | US-PGPUB; USPAT; DERWENT; IBM_TDB | OR | ON | 2006/03/07 10:38 |
| S23 | 3897 | S22 and (disk with (seek and rotation\$8)) | US-PGPUB; USPAT; DERWENT; IBM_TDB | OR | ON | 2006/03/07 10:38 |
| S24 | 18 | S23 and ((group\$6 with (command)) same (seek\$5 and access\$5)) | US-PGPUB; USPAT; DERWENT; IBM_TDB | OR | ON | 2006/06/01 16:19 |
| S25 | 22 | (US-20030182499-\$ or US-20040088478-\$ or US-20030074526-\$ or US-20030202270-\$ or US-20020108016-\$).did. or (US-5570332-\$ or US-5317468-\$ or US-6578107-\$ or US-6640258-\$ or US-6721845-\$ or US-6721845-\$ or US-6725327-\$ or US-6804751-\$ or US-6809896-\$ or US-6925526-\$ or US-5381528-\$ or US-6658535-\$ or US-4972364-\$ or US-6195222-\$ or US-6859859-\$ or US-6894863-\$).did. | US-PGPUB; USPAT | OR | ON . | 2006/05/26 13:57 |
| S26 | 15580930 | @ad < "20040126" | US-PGPUB; USPAT; DERWENT; IBM_TDB | OR | ON | 2006/05/26 14:06 |
| S27 | 3952 | S26 and (disk with (seek and rotation\$8)) | US-PGPUB; USPAT; DERWENT; IBM_TDB | OR | ON | 2006/05/26 14:06 |
| S28 | 53 | S27 and ((relat\$5 near5 command) with (queu\$5 request buffer)) | US-PGPUB; USPAT; DERWENT; IBM_TDB | OR | ON | 2006/05/26 14:09 |
| S29 | 6 | ("5570332" "5991825" "6170042" "6574676" "6711628" "6721906").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/05/26 14:53 |

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|-----|----------|---|--|----|----|------------------|
| S30 | 13606789 | @ad < "20020417" | US-PGPUB; USPAT; DERWENT; IBM_TDB | OR | ON | 2006/05/30 15:58 |
| S31 | 20279 | S30 and "711"/\$.ccls. | US-PGPUB; USPAT; DERWENT; IBM_TDB | OR | ON | 2006/05/30 15:58 |
| S32 | 319 | S31 and (CAM same (search\$9 sort\$9)) | US-PGPUB; USPAT; DERWENT; IBM_TDB | OR | ON | 2006/05/30 16:53 |
| S33 | 82 | S32 and ((bit\$1map\$9 (bit ajd2 map)) same (pointer)) | US-PGPUB; USPAT; DERWENT; IBM_TDB | OR | ON | 2006/05/30 16:03 |
| S34 | 45 | S32 and (cam same cascad\$6) | US-PGPUB; USPAT; DERWENT; IBM_TDB | OR | ON | 2006/05/30 16:03 |
| S35 | 3368 | S31 and ((CAM memory) same (search\$9 sort\$9)) | US-PGPUB; USPAT; DERWENT; IBM_TDB | OR | ON | 2006/05/30 17:06 |
| S36 | 14 | S35 and ((time\$1stamp\$9 (time adj2 stamp)) same (pointer and header)) | US-PGPUB; USPAT; DERWENT; IBM_TDB | OR | ON | 2006/05/30 17:34 |
| S37 | 95 | S35 and ((bit\$1map\$9 (bit adj2 map) offset\$9) same (pointer and header)) | US-PGPUB; USPAT; DERWENT; IBM_TDB | OR | ON | 2006/05/31 07:09 |
| S38 | 13606789 | @ad < "20020417" | US-PGPUB; USPAT; DERWENT; IBM_TDB | OR | ON | 2006/05/31 07:11 |
| S39 | 20279 | S38 and "711"/\$.ccls. | US-PGPUB; USPAT; DERWENT; IBM_TDB | OR | ON | 2006/05/31 07:11 |
| S40 | 3368 | S39 and ((CAM memory) same (search\$9 sort\$9)) | US-PGPUB; USPAT; DERWENT; IBM_TDB | OR | ON | 2006/05/31 08:46 |
| S41 | 17 | S40 and (stamp same (packet)) | US-PGPUB; USPAT; DERWENT; IBM_TDB | OR | ON | 2006/05/31 07:11 |

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|-----|----------|---|--|----|----|------------------|
| S42 | 13606789 | @ad < "20020417" | US-PGPUB; USPAT; DERWENT; IBM_TDB | OR | ON | 2006/05/31 08:47 |
| S43 | 6159 | S42 and ((memory storage buffer) same ((search\$9 sort\$9) and packet)) | US-PGPUB; USPAT; DERWENT; IBM_TDB | OR | ON | 2006/05/31 08:48 |
| S44 | 346 | S43 and ((multiple hierar\$9) same ((lookup search\$8) and pointer)) | US-PGPUB; USPAT; DERWENT; IBM_TDB | OR | ON | 2006/05/31 10:02 |
| S46 | 75 | S44 and (group\$9 same (search\$9)) | US-PGPUB; USPAT; DERWENT; IBM_TDB | OR | ON | 2006/05/31 08:51 |
| S47 | 15 | S44 and ((time\$1stamp\$9 (time adj2 stamp)) same index\$9) | US-PGPUB; USPAT; DERWENT; IBM_TDB | OR | ON | 2006/05/31 10:16 |
| S48 | 42 | S44 and ((time\$1stamp\$9 (time adj2 stamp)) same packet) | US-PGPUB; USPAT; DERWENT; IBM_TDB | OR | ON | 2006/05/31 10:26 |
| S49 | 29 | S44 and ((time\$1stamp\$9 (time adj2 stamp)) same table) | US-PGPUB; USPAT; DERWENT; IBM_TDB | OR | ON | 2006/05/31 11:01 |
| S50 | 8 | S44 and ((time\$1stamp\$9 (time adj2 stamp)) same (lookup look-up)) | US-PGPUB; USPAT; DERWENT; IBM_TDB | OR | ON | 2006/05/31 10:30 |
| S51 | 40 | S44 and ((time\$1stamp\$9 (time adj2 stamp)) same (pointer offset)) | US-PGPUB; USPAT; DERWENT; IBM_TDB | OR | ON | 2006/05/31 11:02 |
| S52 | 12 | ("5666494" "5787430" "6401117" "6404752" "6421730" "6441053" "6460112" "6460120" "6539369" "6633865" "6768739" "6778530").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/05/31 13:09 |
| S53 | 13606789 | @ad < "20020417" | US-PGPUB; USPAT; DERWENT; IBM_TDB | OR | ON | 2006/05/31 13:09 |
| S54 | 6159 | S53 and ((memory storage buffer) same ((search\$9 sort\$9) and packet)) | US-PGPUB; USPAT; DERWENT; IBM_TDB | OR | ON | 2006/05/31 16:41 |

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|-----|----------|--|--|----|----|------------------|
| S55 | 346 | S54 and ((multiple hierar\$9) same ((lookup search\$8) and pointer)) | US-PGPUB; USPAT; DERWENT; IBM_TDB | OR | ON | 2006/05/31 13:09 |
| S56 | 7 | S55 and (indirect near5 pointer) | US-PGPUB; USPAT; DERWENT; IBM_TDB | OR | ON | 2006/05/31 13:21 |
| S58 | 3 | S54 and ((indirect near5 pointer) same (sort\$9 search\$9 table)) | US-PGPUB; USPAT; DERWENT; IBM_TDB | OR | ON | 2006/05/31 13:25 |
| S60 | 149 | S54 and ((pointer and stamp) same (sort\$9 search\$9 table)) | US-PGPUB; USPAT; DERWENT; IBM_TDB | OR | ON | 2006/05/31 13:26 |
| S62 | 167 | S54 and (pointer same filter\$9) | US-PGPUB; USPAT; DERWENT; IBM_TDB | OR | ON | 2006/05/31 13:32 |
| S63 | 41 | S54 and ((pointer with (next indirect)) same filter\$9) | US-PGPUB; USPAT; DERWENT; IBM_TDB | OR | ON | 2006/05/31 13:31 |
| S64 | 13606789 | @ad < "20020417" | US-PGPUB; USPAT; DERWENT; IBM_TDB | OR | ON | 2006/05/31 16:42 |
| S65 | 610 | S64 and ((memory storage buffer) same (map\$9 and packet AND POINTER AND (bit\$1map\$2 (bit adj2 map)))) | US-PGPUB; USPAT; DERWENT; IBM_TDB | OR | ON | 2006/05/31 16:44 |
| S67 | 110 | S65 and ((pointer offset index) same (packet and header and location)) | US-PGPUB; USPAT; DERWENT; IBM_TDB | OR | ON | 2006/05/31 16:45 |
| S68 | 26 | S65 and ((pointer offset index) same (packet and search\$9 and segment)) | US-PGPUB; USPAT; DERWENT; IBM_TDB | OR | ON | 2006/05/31 17:15 |
| S69 | 29 | S64 and ((sort\$9 and pointer and (bit\$1map\$9 (bit adj2 map))) same (packet and (memory fofo buffer))) | US-PGPUB; USPAT; DERWENT; IBM_TDB | OR | ON | 2006/05/31 17:23 |
| S70 | 35 | S64 and ((stamp and pointer and (bit\$1map\$9 (bit adj2 map))) same (packet and (memory fifo buffer))) | US-PGPUB; USPAT; DERWENT; IBM_TDB | OR | ON | 2006/05/31 17:24 |